

FIG. 1

Replacement Sheet

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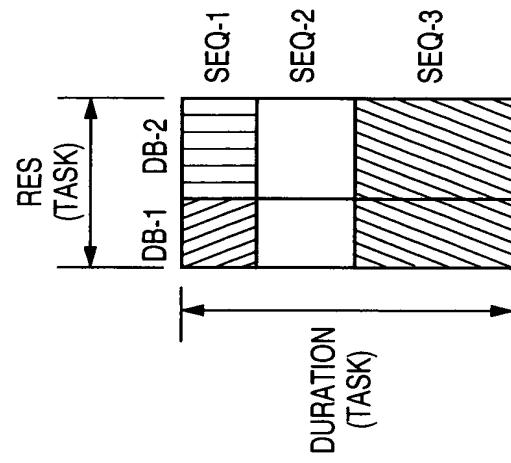


FIG. 2B

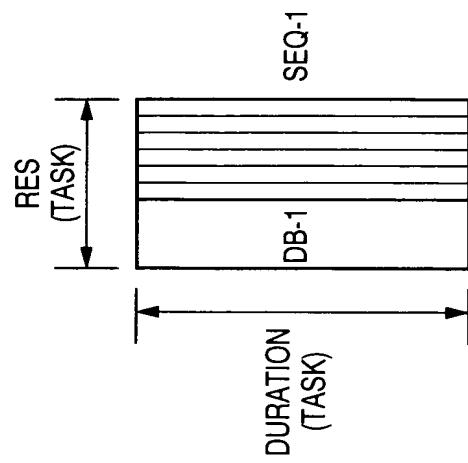
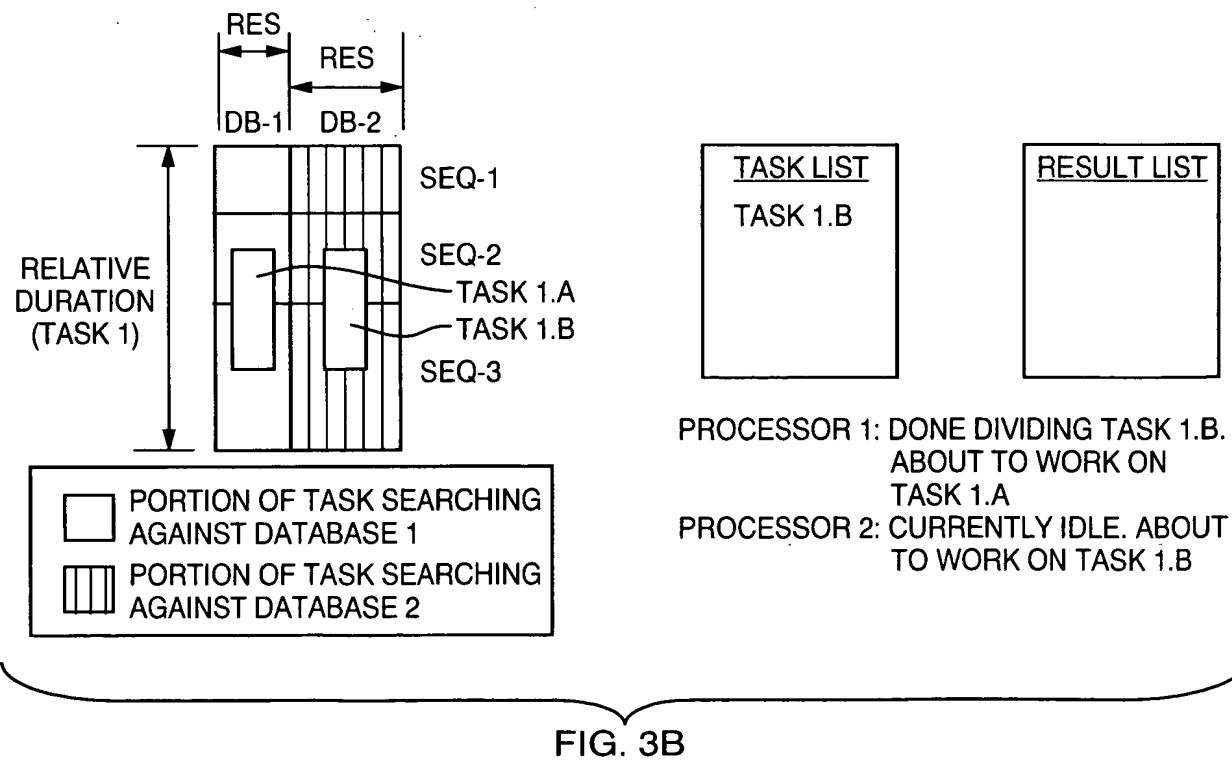
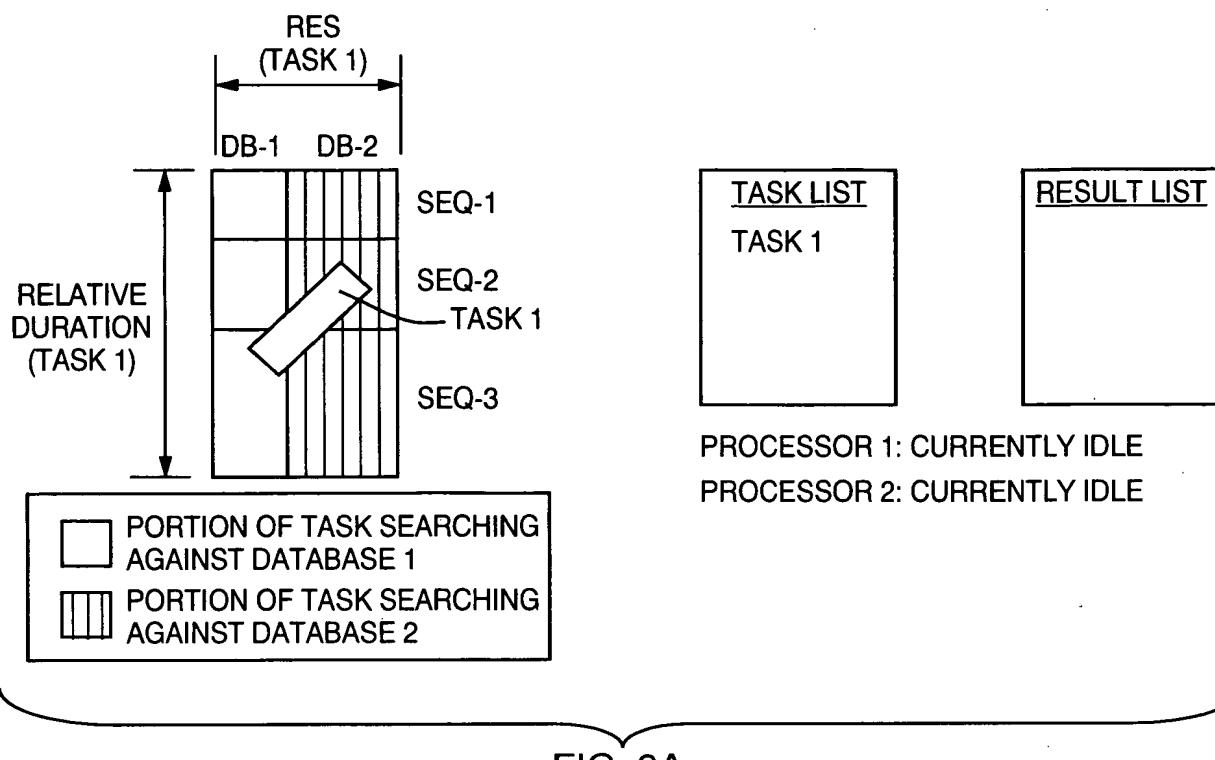


FIG. 2A

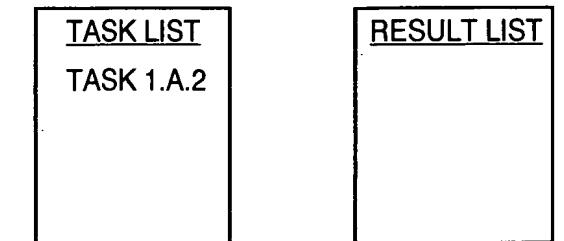
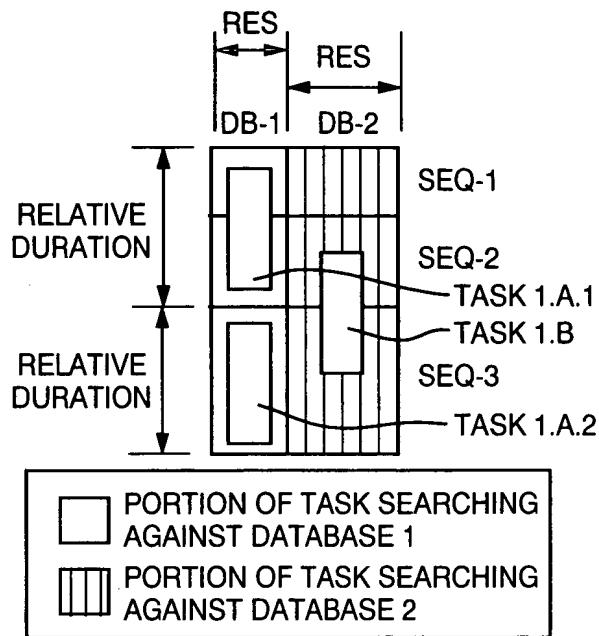
Replacement Sheet

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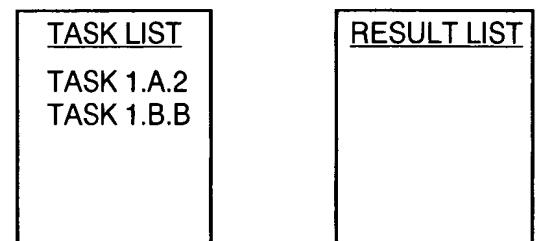
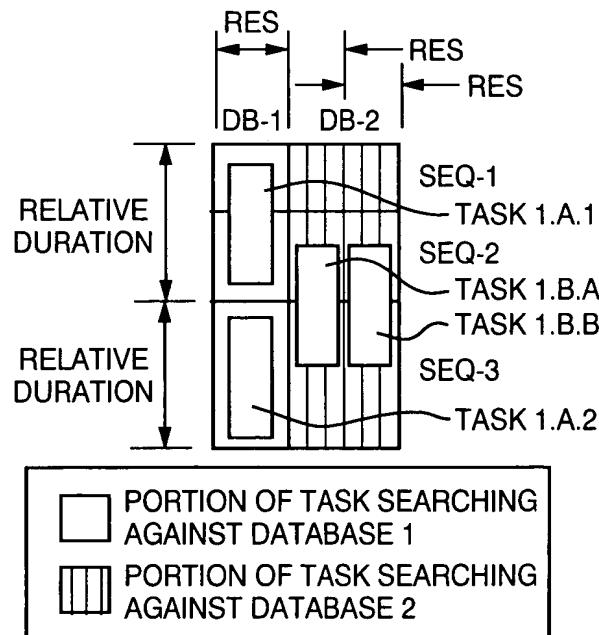
Replacement Sheet

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PROCESSOR 1: DONE DIVIDING TASK 1.A.
ABOUT TO WORK ON
TASK 1.A.1
PROCESSOR 2: CURRENTLY DIVIDING
TASK 1.B

FIG. 3C

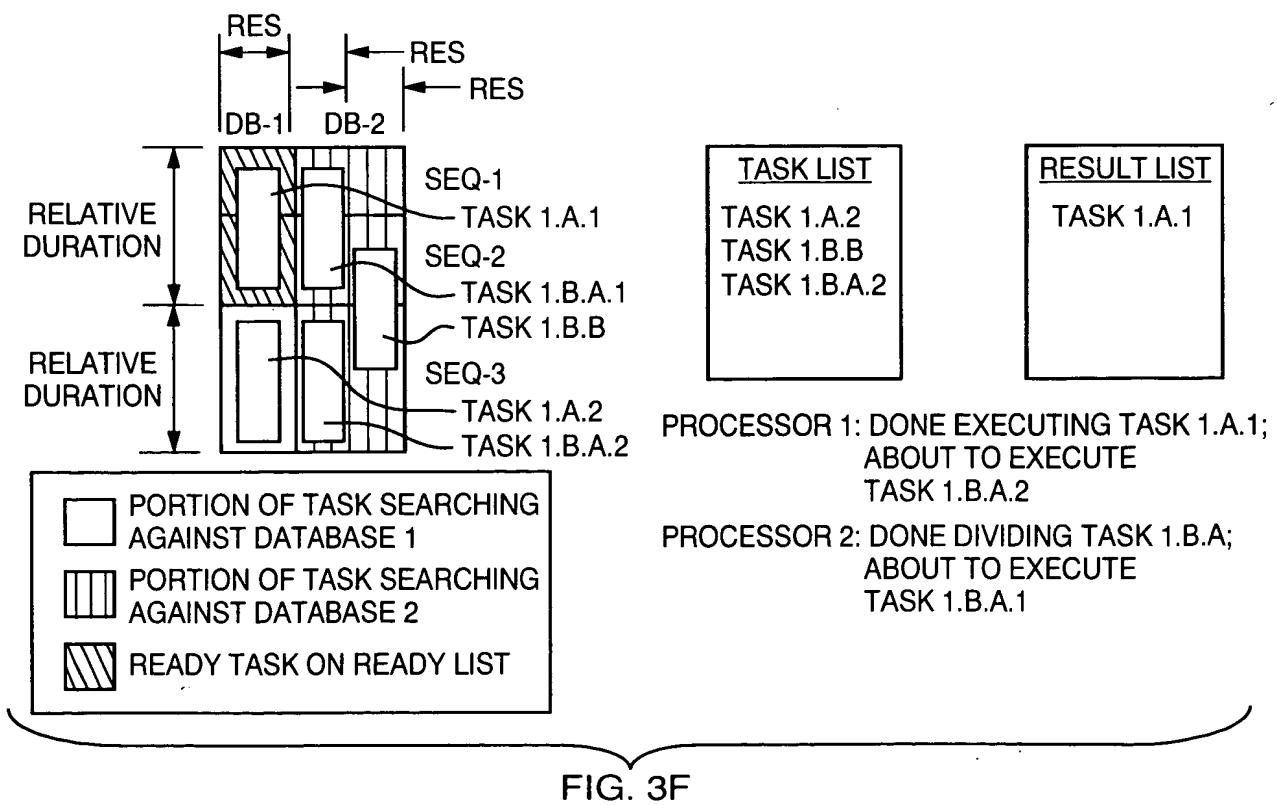
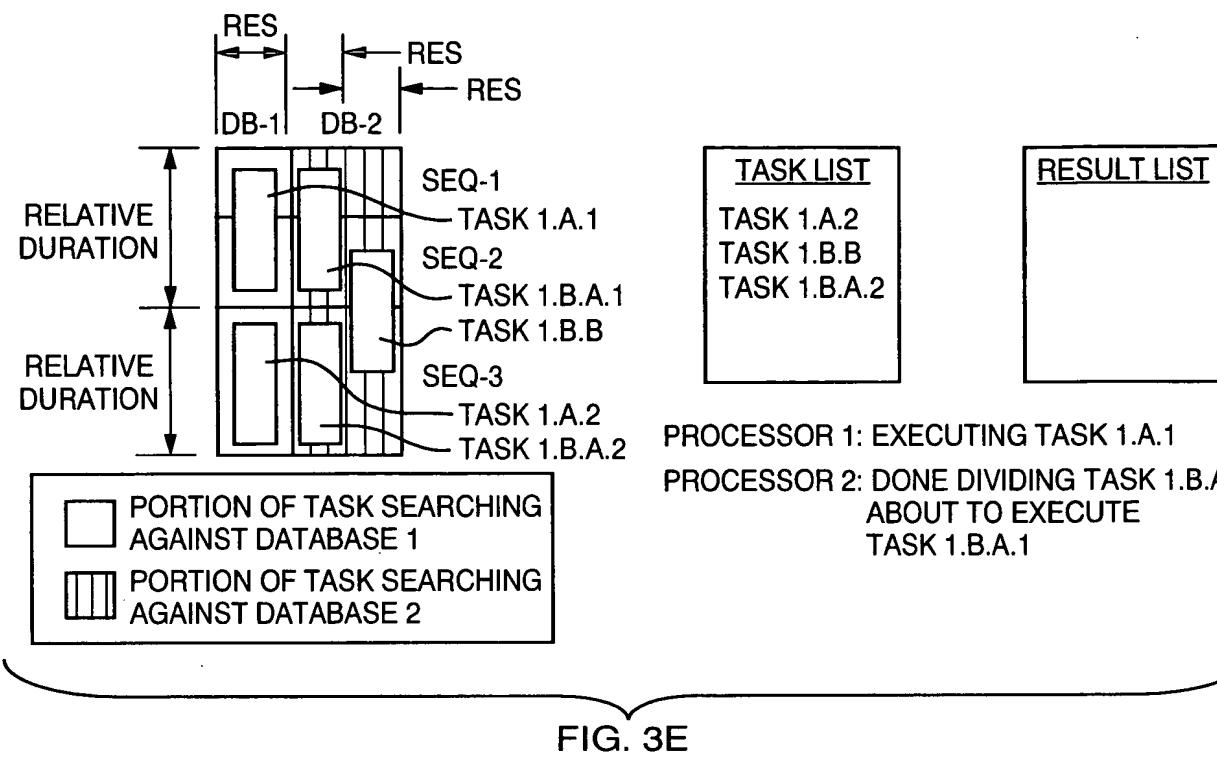


PROCESSOR 1: EXECUTING TASK 1.A.1
PROCESSOR 2: DONE DIVIDING TASK 1.B;
ABOUT TO DIVIDE TASK 1.B.A

FIG. 3D

Replacement Sheet

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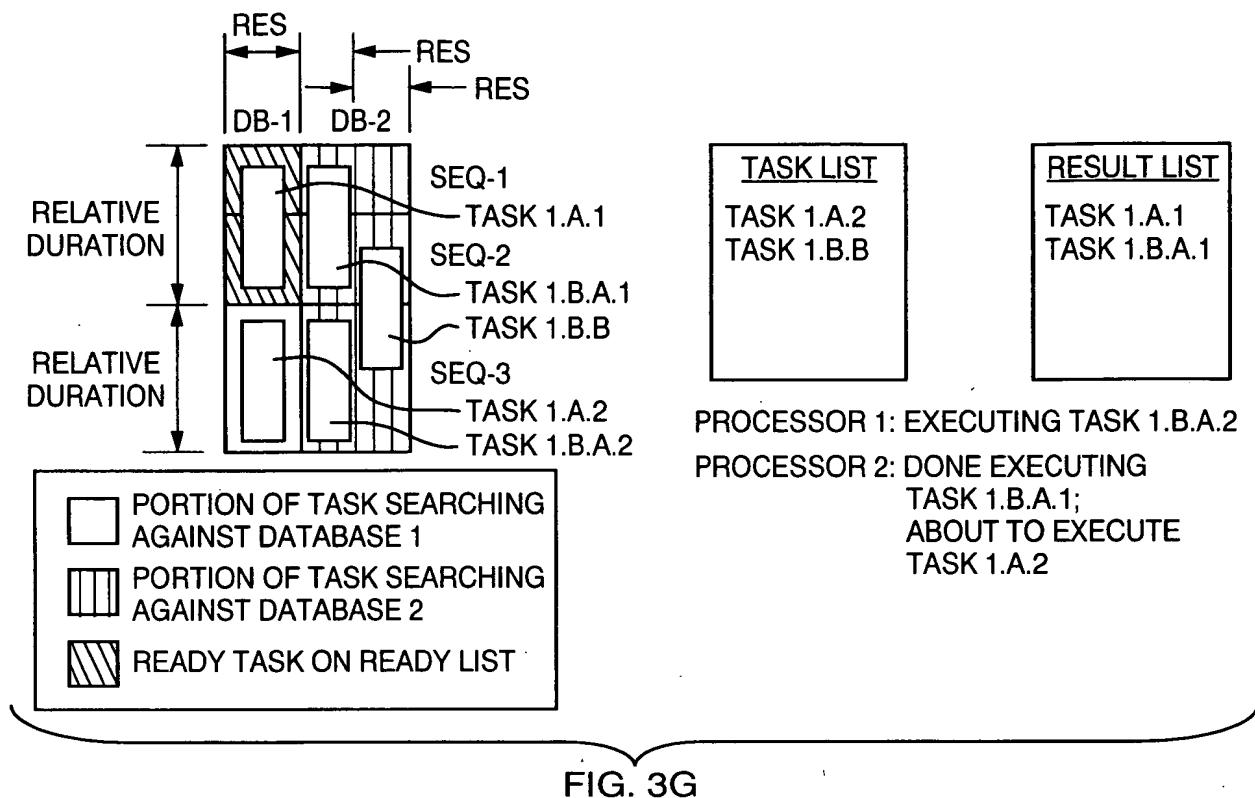


FIG. 3G

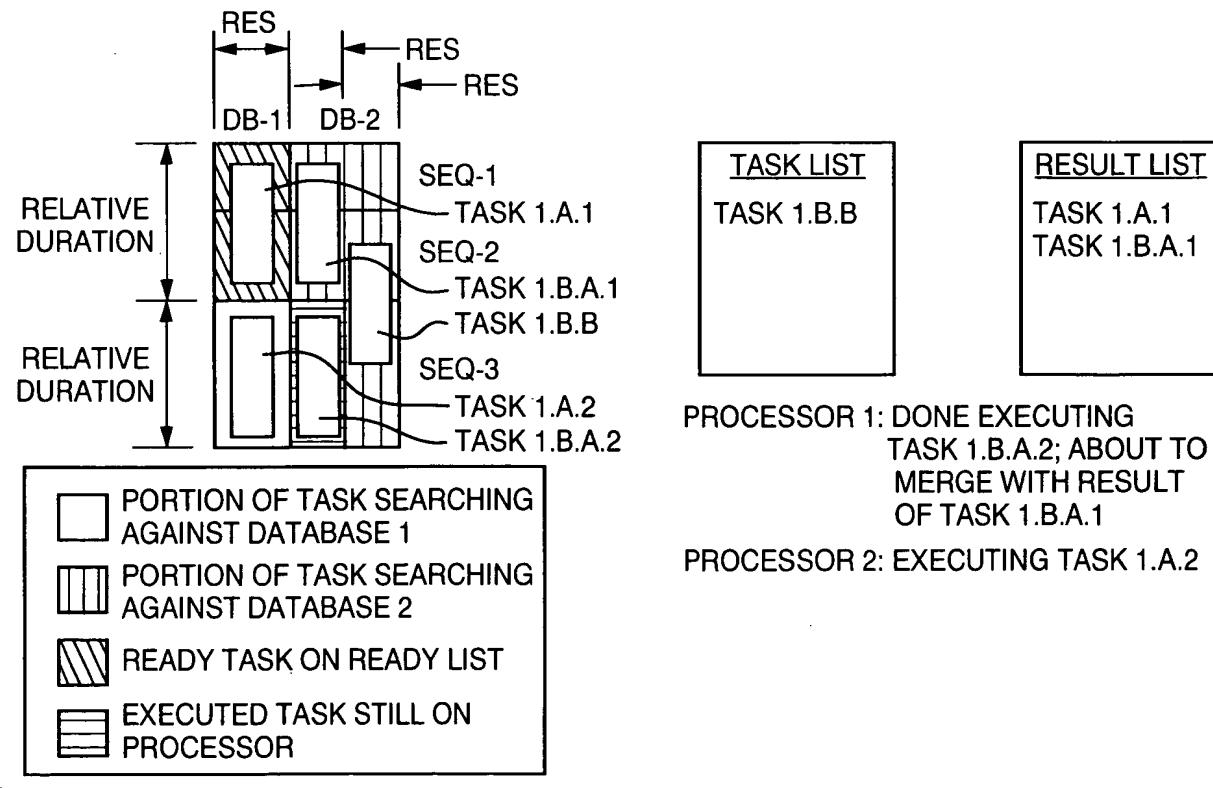
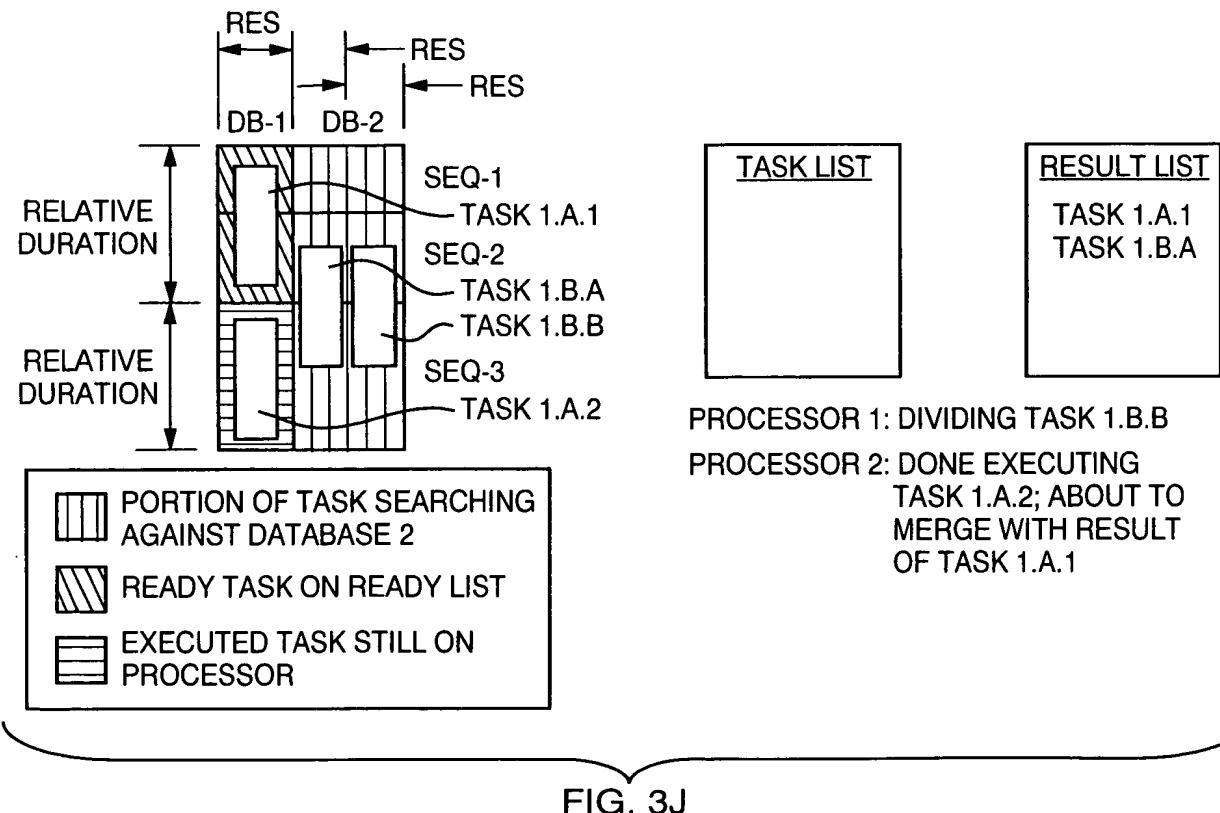
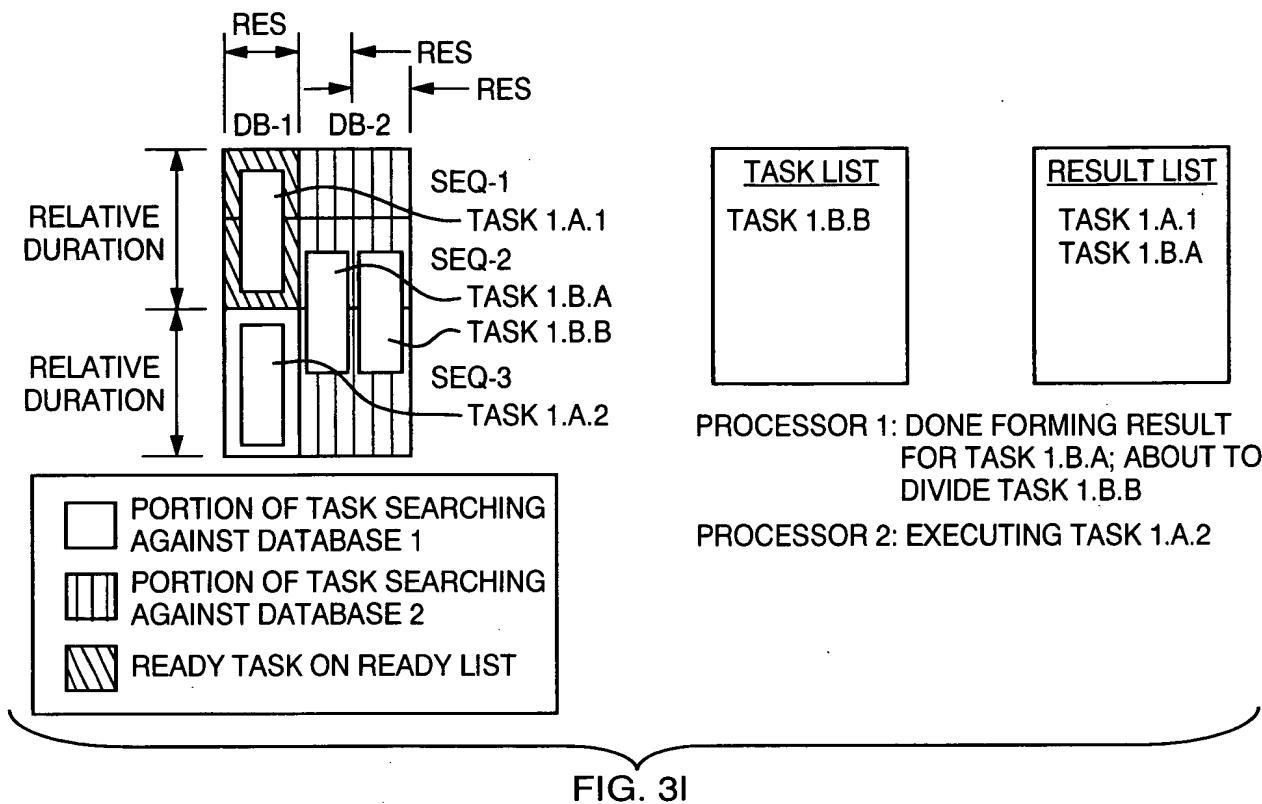
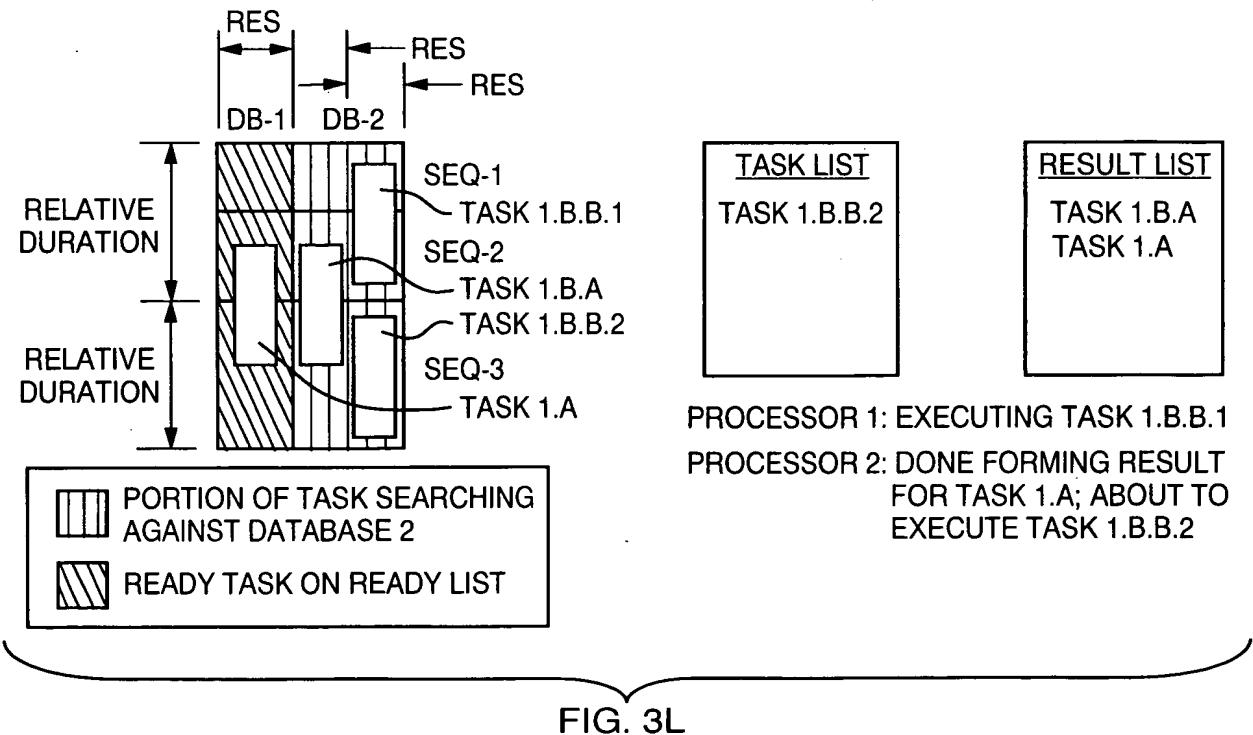
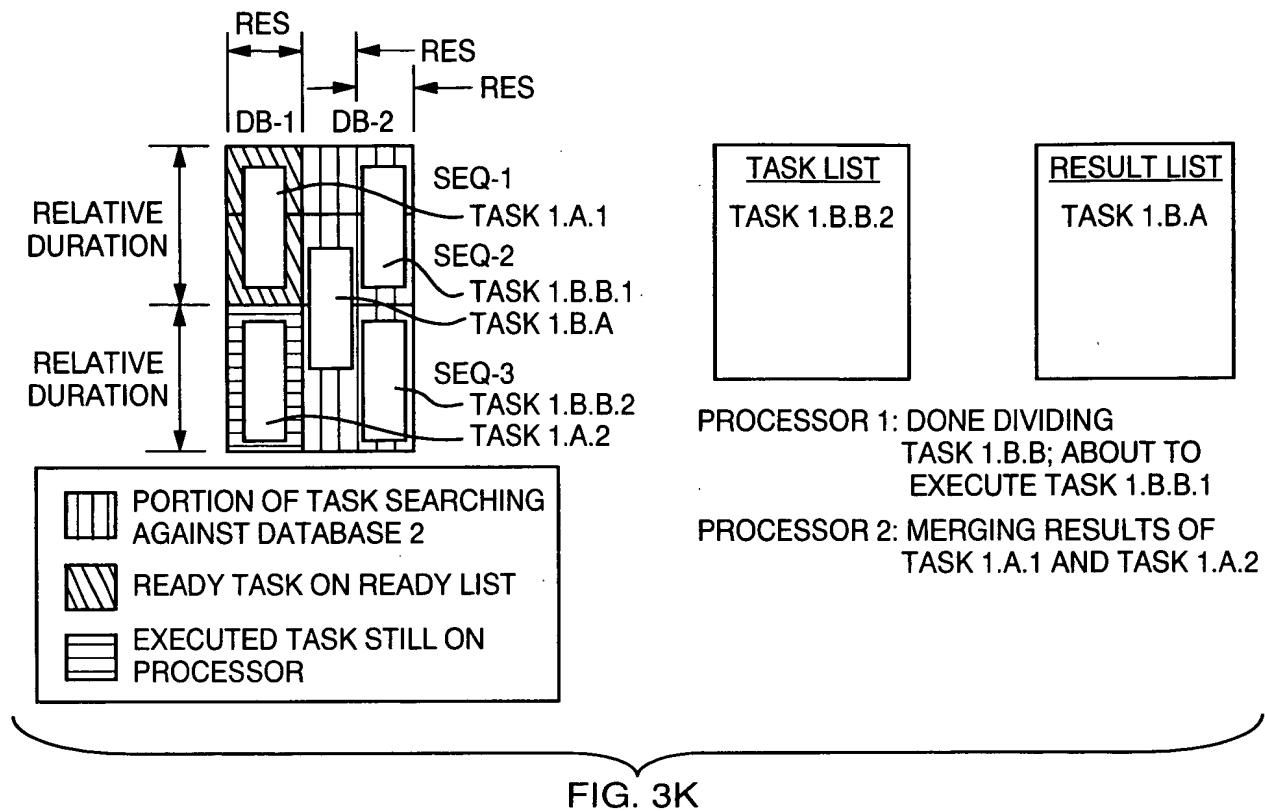
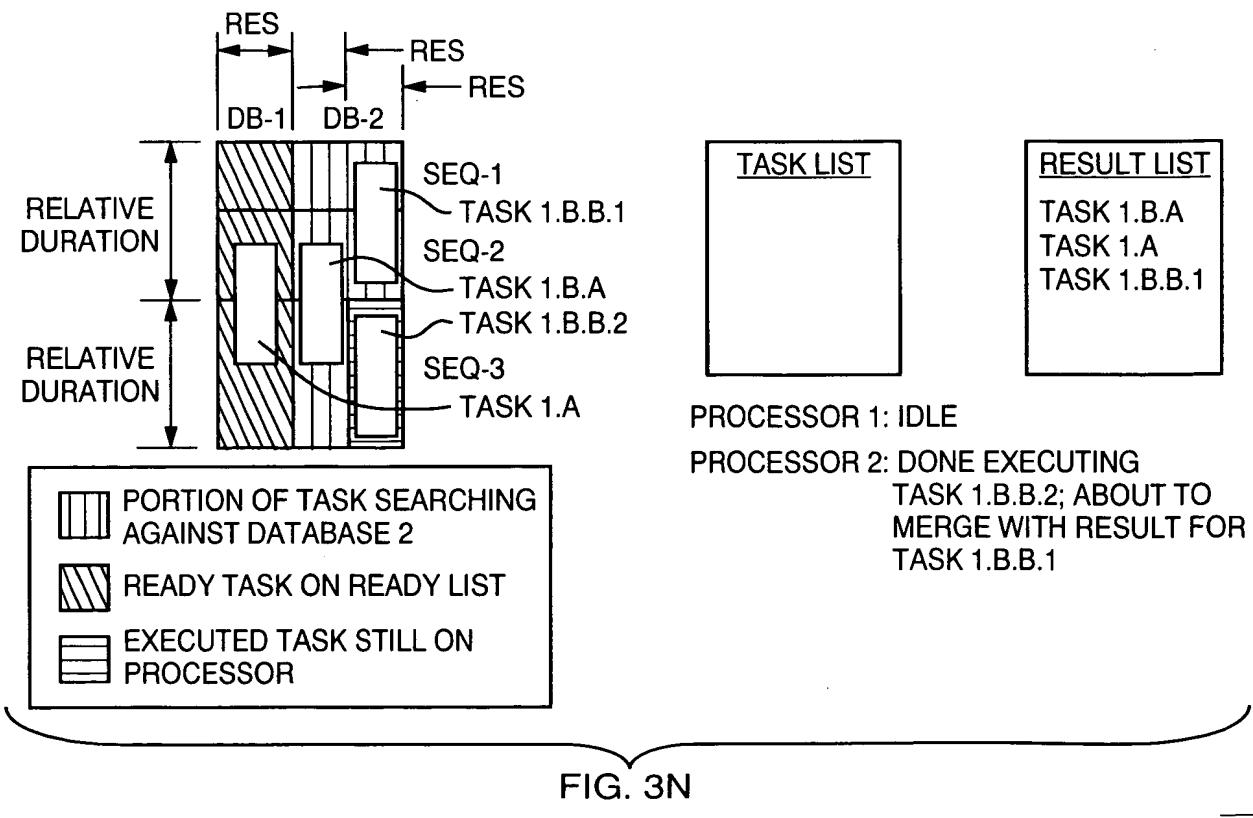
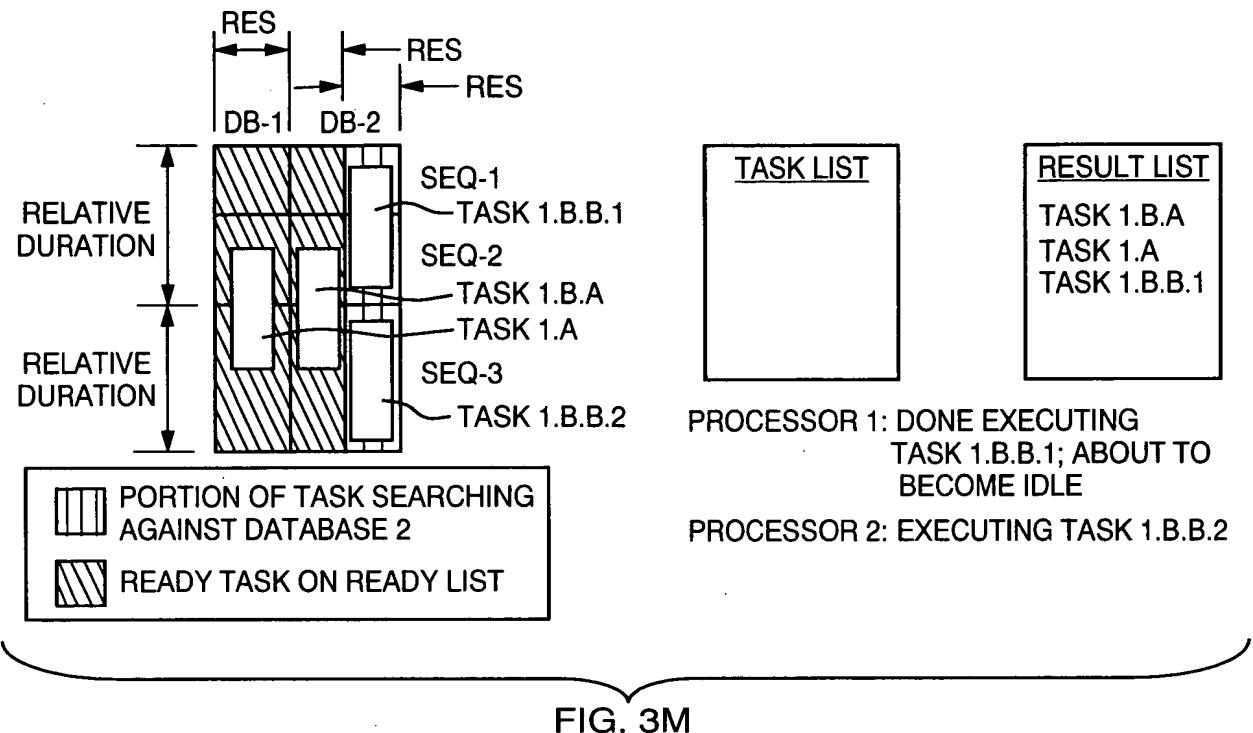
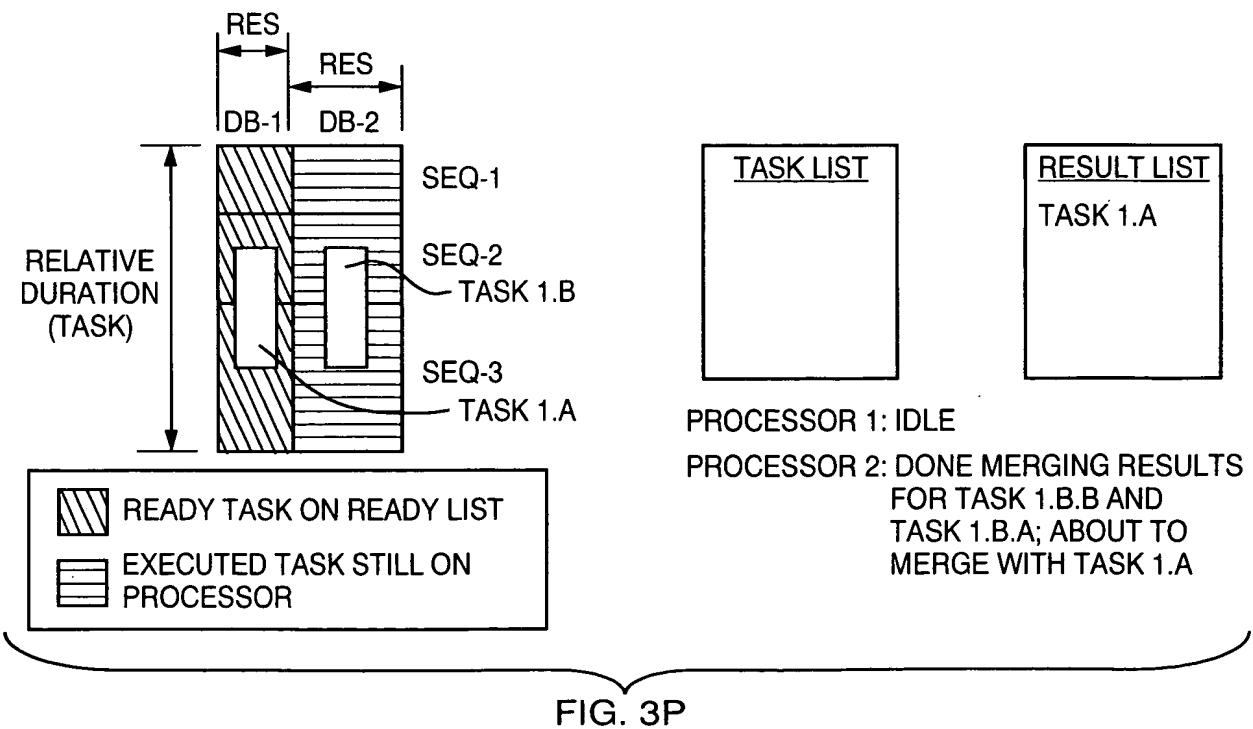
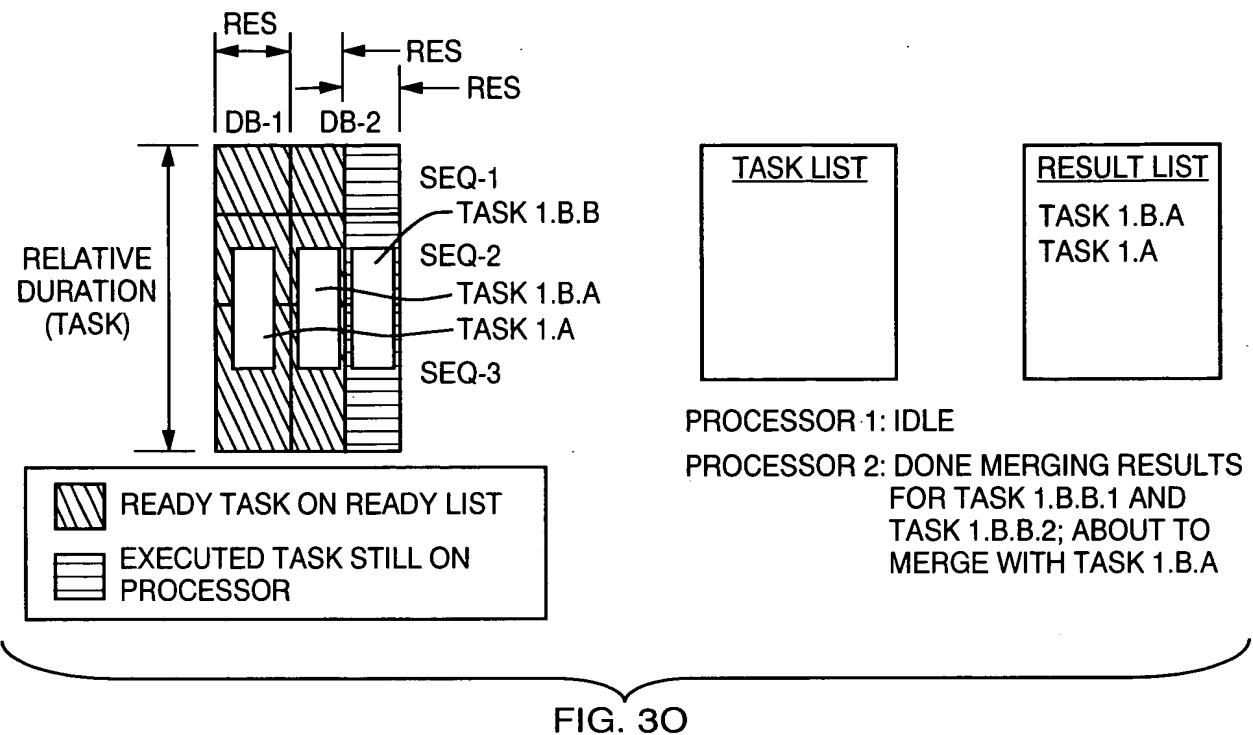


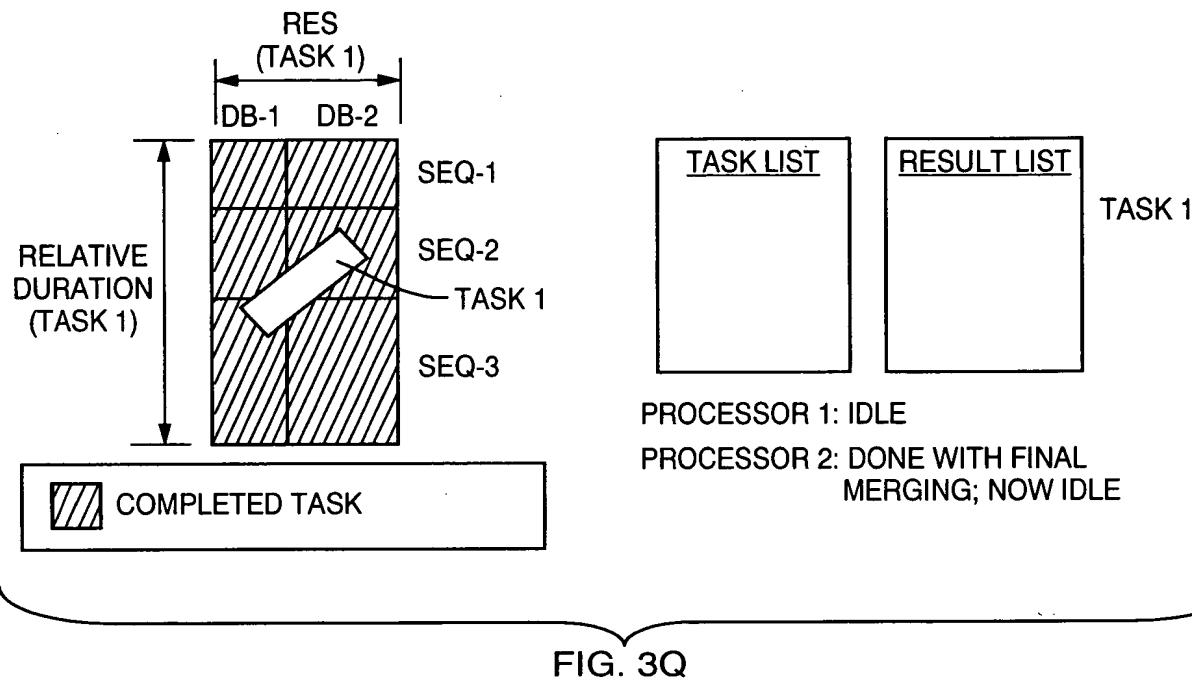
FIG. 3H



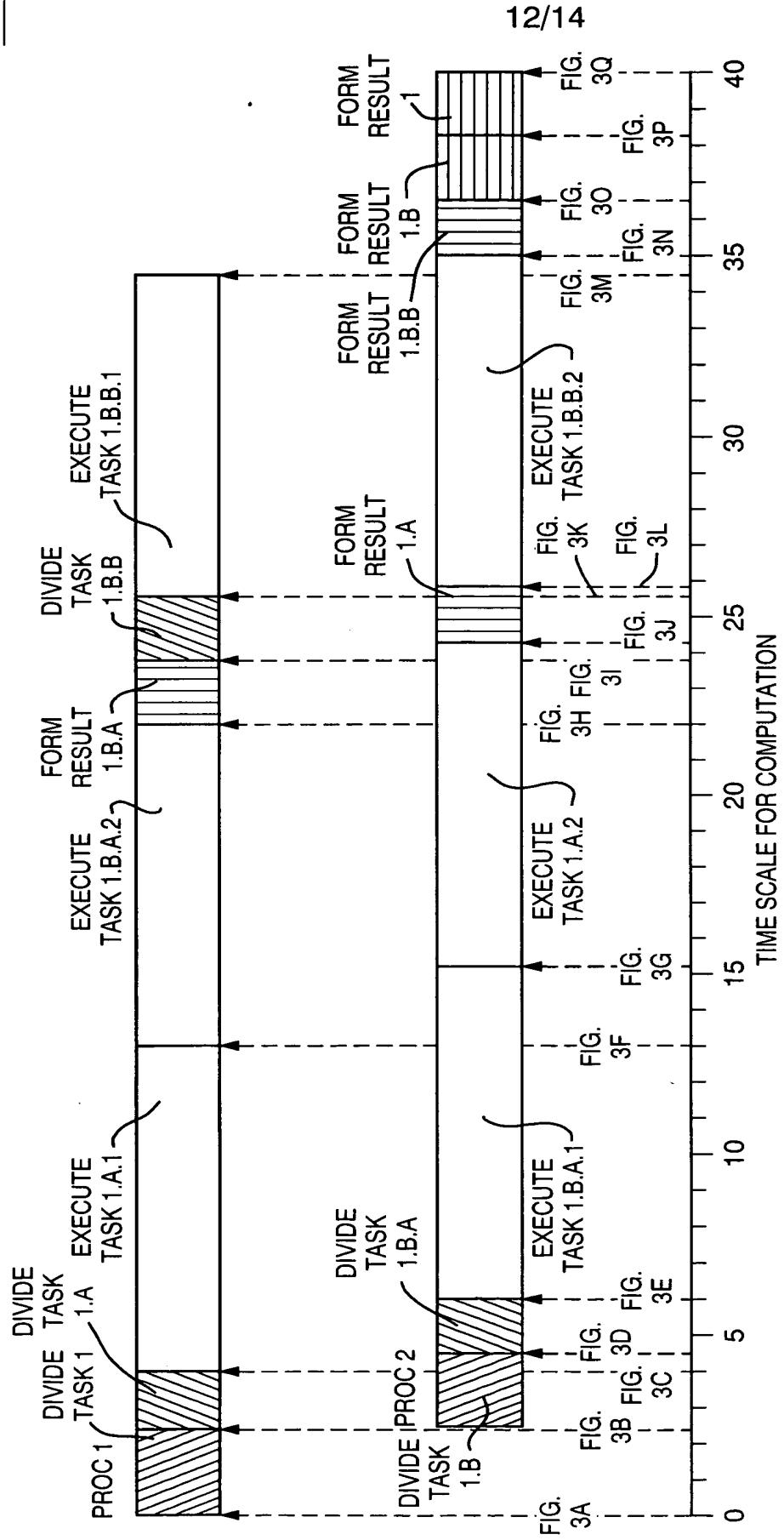








Replacement Sheet



- VERTICAL DIVISION STEP THAT DIVIDES THE DATABASE
- HORIZONTAL DIVISION STEP THAT DIVIDES THE QUERY SEQUENCES
- TASK EXECUTION
- MERGING STEP FOR TWO SETS OF QUERY SEQUENCES WITH SAME DATABASE
- MERGING STEP FOR TWO DATABASES WITH SAME QUERY SEQUENCES

FIG. 4

Replacement Sheet

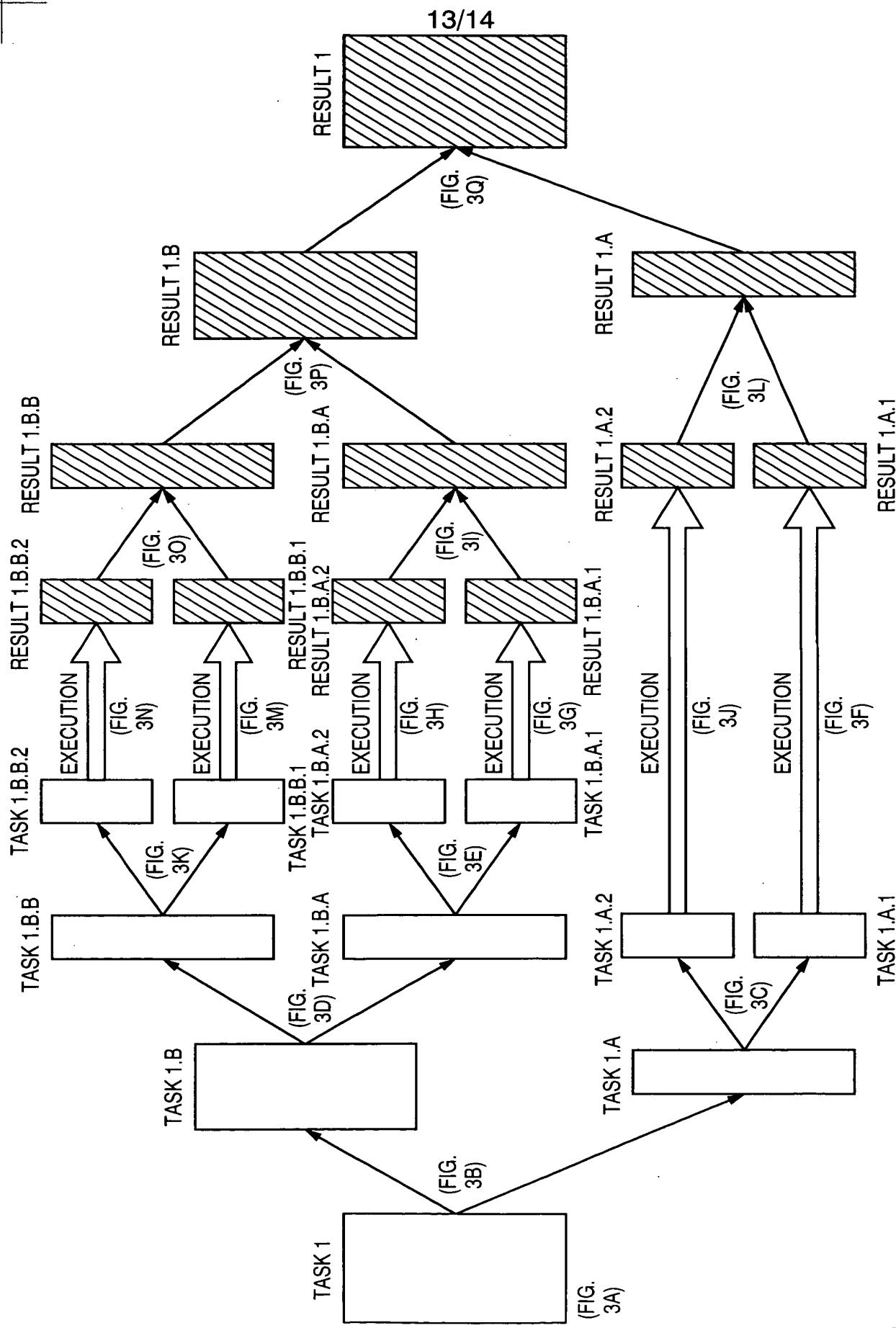


FIG. 5

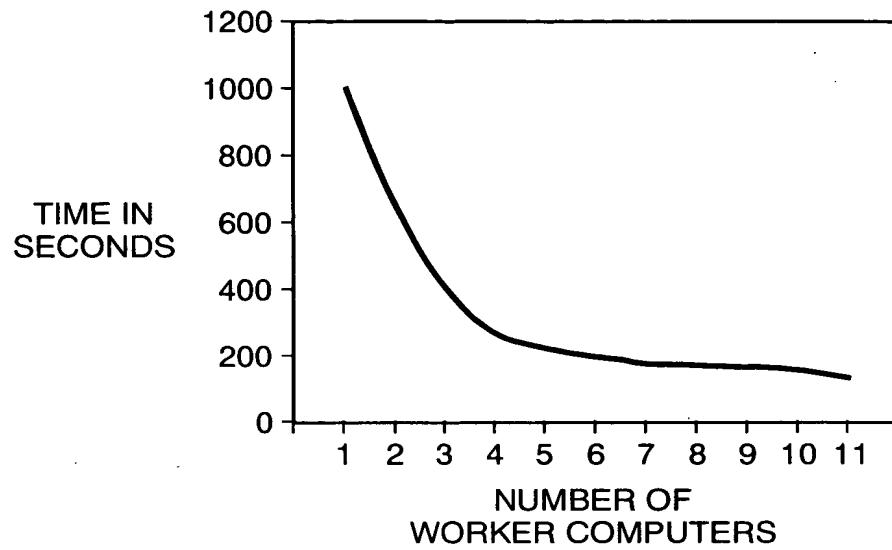


FIG. 6A

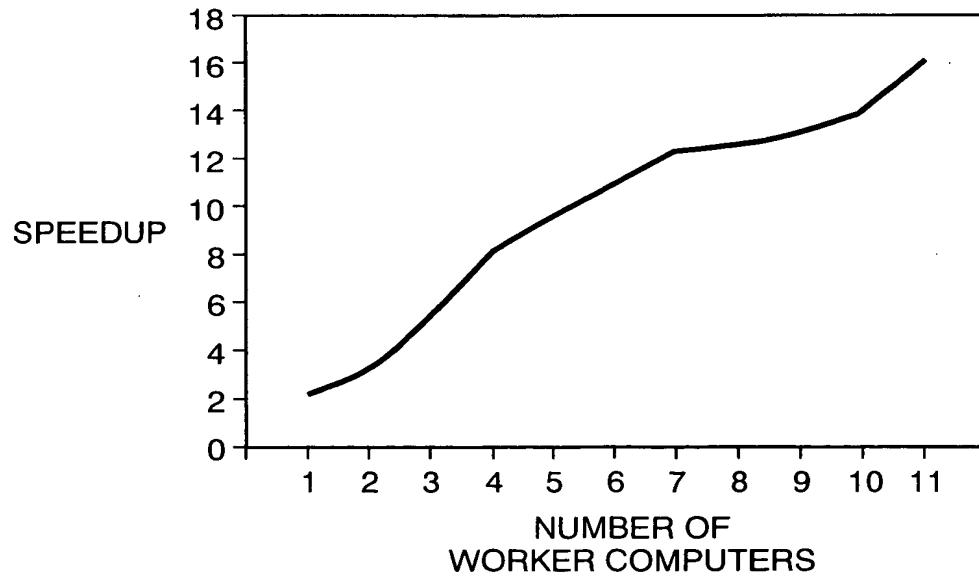


FIG. 6B